

AMENDED

Nº 47033

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office --- JUN 27 1983 --- NEW PRIORITY DATE: AUG 17 1992

Returned to applicant for correction JUL 12 1983

Corrected application filed SEP 8 1983

Map filed SEP 8 1983 under 47029

The applicant AMAX Exploration, Inc.

1707 Cole Boulevard

Street and No. or P.O. Box No.

Golden

City or Town

Colorado 80401

State and Zip Code No.

, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Incorporated in the State of Delaware, December 12, 1977 as AMAX Exploration and Development, Inc.; name changed on January 12, 1978 to AMAX Exploration, Inc.

1. The source of the proposed appropriation is underground - Well No. 42-7
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 8.96 second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet

3. The water to be used for commercial power generation
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated:

(b) Stockwater, state number and kinds of animals to be watered:

(c) Other use (describe fully under "No. 12. Remarks" geothermal production

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: SE 1/4 NW 1/4 Section 7, T.1S., R.36E., M.D.B. & M., or at a point which bears S. 40° 14' W., a distance of 12,000' to the SW corner of Section 13, T.1S., R.35E., M.D.B. & M.
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

6. Place of use SE 1/4 NW 1/4 Section 7, T.1S., R.36E., M.D.B. & M.
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about January 1 and end about December 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Geothermal Well
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

9. Estimated cost of works \$1 to \$1.5 million

10. Estimated time required to construct works 1 year
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 5 years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Production well to develop geothermal resources. There will be no
consumptive use under this application.

By s/James P. Haddan
 JAMES P. HADDAN, P.E., R.L.S., Agent
 1807 North Nevada Street
 Carson City, Nevada 89701

Compared bl/dcb dcb/br

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production and the amount of fluid injected into the injection well to determine the total amount of fluid consumed for a beneficial use.

The production and injection well is to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies. A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal to the source must be submitted together with the Proof of Completion.

An annual report for this well must be filed under this permit describing the The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and

not to exceed 8.96 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before March 6, 1987

Proof of completion of work shall be filed before April 6, 1987

Application of water to beneficial use shall be made on or before March 6, 1992

Proof of the application of water to beneficial use shall be filed on or before April 6, 1992

Map in support of proof of beneficial use shall be filed on or before _____

Completion of work filed _____ IN TESTIMONY WHEREOF, I PETER G. MORROS

Proof of beneficial use filed _____ State Engineer of Nevada, have hereunto set my hand and the seal of

Cultural map filed _____ my office, this 6th day of MARCH

Certificate No. _____ Issued _____

A.D. 1984

[Signature of Peter G. Morros]
 State Engineer

218 (Rev.)

AUG 27 1990

CANCELLED BECAUSE OF FAILURE
 OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

[Signature] P.E. STATE ENGINEER

[Signature] 9-3-98

Abrogated By Port 59303 2.67
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amount of geothermal fluid consumed to a beneficial use for the calendar year. This report must also detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid shall be limited to 6486.8 acre-feet per year but the total consumptive use of the geothermal fluid is limited to 1297.4 acre-feet per year.

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